

spectrum emitted from the projection lamp into a first partial light bundle (B1, G1, R1) and a second partial light bundle (B2, G2, R2) complimentary to the first part light bundle (B1, G1, R1),

two color image modulators (FM1, FM2) for recording and reproducing the partial light bundles (B1, G1, R1, B2, G2, R2), [wherein after the color image modulators (FM1, FM2)]

a beam integrator (SV) is provided subsequent to the color image modulators (FM1, FM2) for reuniting the first partial light bundle (B1, G1, R1) with the second partial light bundle (B2, G2, R2), and [as well as]

a lens system (Ob) for output of the therefrom resulting color image.

2. (Amended) A device [Device] according to Claim 1, wherein the beam splitter (ST2) includes a splitter [first] dichroic mirror (D1) with triple band pass characteristic.

3. (Amended) A device [Device] according to Claim 1 [or 2], wherein the beam integrator (SV) includes [a second] an integrator dichroic mirror (D2) with triple band characteristic.

4. (Amended) A device [Device] according to [one of] Claim[s] 1 [through 3], wherein the two color modulators (FM1, FM2) form a stereo camera.

5. (Amended) A device [Device] according to [one of] Claim[s] 1 [through 4], wherein the first partial light bundle is comprised of three first narrow transmission ranges (B1, G1, R1) and the second partial light bundle is comprised of three second narrow transmission ranges (B2, G2, R2) complimentary to the first

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transmission ranges, wherein the transmission ranges (B1, G1, R1, B2, G2, R2) lie within the wavelength ranges of the blue, green and red receptors.

6. (Amended) A device [Device] according to [one of] Claim[s] 1 [through 5], wherein the beam splitter (ST2) includes at least one splitter mirror.

7. (Amended) A device [Device] according to [one of] Claim[s] 1 [through 6], wherein the beam integrator (SV) includes at least one integrator [further] mirror.

8. (Amended) A device [Device] according to one of Claims 1 through 7, further including a pair of glasses (B) with interference filters (IF1, IF2) which provide different transmission characteristics for the left eye and the right eye, which produce for the left eye a half image with the first transmission range (B1, G1, R1) and for the right eye a further half image with the second transmission range (B2, G2, R2) for stereoscopic vision.

[Please add the following new claims:]

--9. A device for recording a color image of an object, the device comprised of

a first camera (K1);

a second camera (K2);

a beam splitter (ST1) placed between said object and said cameras (K1, K2), said beam splitter comprising mirrors (S1, S2, S3) and a dichroic mirror (D1) with a transmission and reflection characteristic such that light from said object being recorded